AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A method of producing a compact movable structure for a light shaping unit comprising the steps of:

forming a light shaping unit from a layer of polymer~~non-photoresist~~ material provided on a carrier of another material; and

subsequently forming, from said carrier layer, an intermediate micromechanical plate for movably supporting the light shaping unit in a micromechanical structure, and

subsequently forming a cavity through the micromechanical structure up to the light shaping unit.

2. (Previously Presented) The method according to claim 1, further depositing the material for the light shaping unit on the carrier.

3. (Previously Presented) The method according to claim 2, further comprising spinning the material for the light shaping unit on the carrier.

4. (Previously Presented) The method according to claim 1, wherein the light shaping unit is formed through embossing.

5. (Previously Presented) The method according to claim 1, wherein the micromechanical structure is formed under the light shaping unit.

6. (Previously Presented) The method according to claim 5, wherein the forming of the micromechanical structure comprises forming the structure from above.

7. (Previously Presented) The method according to claim 1, wherein the forming of the micromechanical structure comprises forming of an opening form the bottom of the carrier a direction towards the light shaping unit in order to provide a light passage channel.

8. (Previously Presented) The method according to claim 7, wherein the light shaping unit serves as an etch stop in the forming of the opening.

9. (Previously Presented) The method according to claim 7 or 8, further comprising:

attaching an optical component to the bottom side of the micromechanical structure in order to enable the projection of light on or the reception of light from the light shaping unit through the light passage channel.

10. (Previously Presented) The method according to claim 7, wherein the light passage channel is a cavity.

11. (Previously Presented) The method according to claim 7, wherein the light passage channel is a waveguide.

12. **(Canceled)**

13. (Previously Presented) The method according to claim 1, wherein the carrier comprises silicon.

14. (Previously Presented) The method according to claim 1, wherein the light shaping unit is a lens.

15. (Currently Amended) A method of producing a compact movable structure for a light shaping unit, comprising:

forming a light shaping unit from a polymer material provided on a carrier of another material; and

subsequently forming an intermediate micromechanical plate from the carrier as part of a micromechanical structure for movably supporting the light shaping unit, and~~wherein the intermediate micromechanical plate directly supports the light shaping unit~~

subsequently forming a cavity through the micromechanical structure up to the light shaping unit.

16. (**New**) The method according to claim 1, wherein the polymer material comprises CTOP.

17. (**New**) The method according to claim 1, wherein the polymer material comprises parylene.